

June 22, 2015

Mr. Brian Lyle
Wrightsville Borough
P.O. BOX 187
Wrightsville, PA 17368

Certificate of Analysis

| | | | |
|-----------------|-----------------------------------|---------------|------------------|
| Project Name: | Routine Sample Submissions | Workorder: | 2076818 |
| Purchase Order: | | Workorder ID: | Raw Water |

Dear Mr. Lyle:

Enclosed are the analytical results for samples received by the laboratory on Monday, June 15, 2015.

The ALS Environmental laboratory in Middletown, Pennsylvania is a National Environmental Laboratory Accreditation Program (NELAP) accredited laboratory and as such, certifies that all applicable test results meet the requirements of NELAP.

If you have any questions regarding this certificate of analysis, please contact Mrs. Kelli L Wolfgang (Project Coordinator) at (717) 944-5541.

Analyses were performed according to our laboratory's NELAP-approved quality assurance program and any applicable state requirements. The test results meet requirements of the current NELAP standards or state requirements, where applicable. For a specific list of accredited analytes, refer to the certifications section of the ALS website at www.alsglobal.com/en/Our-Services/Life-Sciences/Environmental/Downloads.

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ALS Spring City: 10 Riverside Drive, Spring City, PA 19475 610-948-4903

This page is included as part of the Analytical Report and must be retained as a permanent record thereof.



Mrs. Kelli L Wolfgang
Project Coordinator

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SAMPLE SUMMARY

Workorder: 2076818 Raw Water

| Lab ID | Sample ID | Matrix | Date Collected | Date Received | Collected By |
|------------|-----------|----------------|-----------------|-----------------|---------------------|
| 2076818001 | Raw | Drinking Water | 6/15/2015 08:30 | 6/15/2015 10:00 | Collected by Client |

Notes

- Samples collected by ALS personnel are done so in accordance with the procedures set forth in the ALS Field Sampling Plan (20 - Field Services Sampling Plan).
- All Waste Water analyses comply with methodology requirements of 40 CFR Part 136.
- All Drinking Water analyses comply with methodology requirements of 40 CFR Part 141.
- Unless otherwise noted, all quantitative results for soils are reported on a dry weight basis.
- The Chain of Custody document is included as part of this report.
- All Library Search analytes should be regarded as tentative identifications based on the presumptive evidence of the mass spectra. Concentrations reported are estimated values.
- Parameters identified as "analyze immediately" require analysis within 15 minutes of collection. Any "analyze immediately" parameters not listed under the header "Field Parameters" are performed in the laboratory and are therefore analyzed out of hold time.
- Method references listed on this report beginning with the prefix "S" followed by a method number (such as S2310B-97) refer to methods from "Standard Methods for the Examination of Water and Wastewater".

Standard Acronyms/Flags

| | |
|--------|--|
| J | Indicates an estimated value between the Method Detection Limit (MDL) and the Practical Quantitation Limit (PQL) for the analyte |
| U | Indicates that the analyte was Not Detected (ND) |
| N | Indicates presumptive evidence of the presence of a compound |
| MDL | Method Detection Limit |
| PQL | Practical Quantitation Limit |
| RDL | Reporting Detection Limit |
| ND | Not Detected - indicates that the analyte was Not Detected at the RDL |
| Cntr | Analysis was performed using this container |
| RegLmt | Regulatory Limit |
| LCS | Laboratory Control Sample |
| MS | Matrix Spike |
| MSD | Matrix Spike Duplicate |
| DUP | Sample Duplicate |
| %Rec | Percent Recovery |
| RPD | Relative Percent Difference |
| LOD | DoD Limit of Detection |
| LOQ | DoD Limit of Quantitation |
| DL | DoD Detection Limit |
| I | Indicates reported value is greater than or equal to the Method Detection Limit (MDL) but less than the Report Detection Limit (RDL) |

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ANALYTICAL RESULTS

Workorder: 2076818 Raw Water

Lab ID: **2076818001**

Date Collected: 6/15/2015 08:30

Matrix: Drinking Water

Sample ID: **Raw**

Date Received: 6/15/2015 10:00

| Parameters | Results | Flag | Units | RDL | Method | Prepared By | Analyzed | By | Cntr |
|----------------------------|---------|------|----------|---------|------------|-------------|---------------|-----|------|
| WET CHEMISTRY | | | | | | | | | |
| Cyanide, Total | ND | | mg/L | 0.0050 | EPA 335.4 | 6/19/15 SYB | 6/19/15 13:08 | SYB | C |
| Fluoride | ND | | mg/L | 0.20 | EPA 300.0 | | 6/16/15 14:33 | SSL | B |
| Nitrate-N | 1.2 | | mg/L | 0.20 | EPA 300.0 | | 6/16/15 14:33 | SSL | B |
| Nitrite-N | ND | | mg/L | 0.20 | EPA 300.0 | | 6/16/15 14:33 | SSL | B |
| pH | 7.91 | | pH_Units | | S4500HB-00 | | 6/16/15 06:29 | GMM | B |
| Total Organic Carbon (TOC) | 4.6 | | mg/L | 1.0 | S5310B-00 | | 6/15/15 11:37 | LJF | D |
| METALS | | | | | | | | | |
| Antimony, Total | ND | | mg/L | 0.0020 | EPA 200.8 | 6/16/15 ZMC | 6/17/15 01:00 | ZMC | A1 |
| Arsenic, Total | ND | | mg/L | 0.0030 | EPA 200.8 | 6/16/15 ZMC | 6/17/15 01:00 | ZMC | A1 |
| Barium, Total | 0.042 | | mg/L | 0.0050 | EPA 200.8 | 6/16/15 ZMC | 6/17/15 01:00 | ZMC | A1 |
| Beryllium, Total | ND | | mg/L | 0.0010 | EPA 200.8 | 6/16/15 ZMC | 6/17/15 01:00 | ZMC | A1 |
| Cadmium, Total | ND | | mg/L | 0.0010 | EPA 200.8 | 6/16/15 ZMC | 6/17/15 01:00 | ZMC | A1 |
| Chromium, Total | ND | | mg/L | 0.0020 | EPA 200.8 | 6/16/15 ZMC | 6/17/15 01:00 | ZMC | A1 |
| Mercury, Total | ND | | mg/L | 0.00020 | EPA 200.8 | 6/16/15 ZMC | 6/17/15 01:00 | ZMC | A1 |
| Nickel, Total | ND | | mg/L | 0.0050 | EPA 200.8 | 6/16/15 ZMC | 6/17/15 01:00 | ZMC | A1 |
| Selenium, Total | ND | | mg/L | 0.0050 | EPA 200.8 | 6/16/15 ZMC | 6/17/15 01:00 | ZMC | A1 |
| Thallium, Total | ND | | mg/L | 0.0010 | EPA 200.8 | 6/16/15 ZMC | 6/17/15 01:00 | ZMC | A1 |



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34 Dogwood Lane
Middletown, PA 17057
P. 717-944-5541
F. 717-944-1430

Environmental

CHAIN OF CUSTODY/ REQUEST FOR ANALYSIS

ALL SHADED AREAS MUST BE COMPLETED BY THE CLIENT.
SAMPLER INSTRUCTIONS ON THE BACK

Co. Name: Brighton Water

Contact (Report to): Brian Lyle

Address:

Phone: 577 9746

Bill to (if different than Report to):

PO#:

Project Name/ID:

ALS Quote #:

TAT: ☐ Normal-Standard TAT is 10-12 business days.
☒ Rush-Subject to ALS approval and surcharges.

Date Required:
Approved By: Shawn

Email?

☒ bklwbma@msn.com

Fax?

US 615

Sample Description/Location
(as it will appear on the lab report)

COC Comments

Sample Date

Time

Matrix

1 Kau

6/15/15 0830

1 1 1 2

Enter Number of Containers Per Analysis

NO₂, NO₃, H₂, PH
Cyanide
TOC

ANALYSES/METHOD REQUESTED

Container Type
Container Size
Preservative

Receipt Information
(Completed by Sample Receiver)

Received by: MLH HRE

Cooler Temp: 16

Therm. ID: 291

No. of Coolers:

Notes:

Correct container?

Correct sample volume?

Correct preservation?

Headspace/Volatiles?

Container in good condition?

COC/Labels complete/accurate?

Received on ice?

(if present) Seals intact?

Custody seals Present?

SAMPLED BY (Please Print):

KAW

Relinquished By / Company Name

Date

Time

Received By / Company Name

Date

Time

1 Ban King

6/15/15

1000

2 B

6/15

1000

3

4

5

6

7

8

9

10

DOO Criteria Required?

DOO Request?

Standard ☒ CLP-like ☐ NJ-Reduced ☐ NJ-Full ☐ Other ☐

SDWA Forms? ☐ yes ☐ no

State Samples Collected in? ☐ MD ☐ NJ ☐ NY ☐ PA ☒

ALS FIELD SERVICES ☐ Pickup ☐ Labor ☐ Composites Sampling ☐ Rental Equipment ☐ Other

767.00.97

* G=Grab; C=Composite

**Matrix: AL=Air; BW=Drinking Water; GW=Groundwater; OL=Oil; OL=Other Liquid; SL=Sludge; SO=Soil; WP=Wipe; WW=Wastewater

***Container Type: AG=Amber Glass; CG=Clear Glass; PL=Plastic. Container Size: 250ml, 500ml, 1L, 8oz., etc. Preservative: HCl, HNO₃, NaOH, etc.

Copies: WHITE - ORIGINAL CANARY - CUSTOMER COPY

Rev 01-2013

ALS